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Substitute for form 1449B/PTO	Complete if Known				
INFORMATION DISCLOSURE	Application Number	09/661,464			
STATEMENT BY APPLICANT	Filing Date	September 13, 2000			
1 8 2002 Det Submitted: November 18, 2002	First Named Inventor	Koichi TAMURA			
1 7/	Group Art Unit	2664			
styse as many sheets as necessary)	Examiner Name	Unknown			
Sheater 1 of 1	Attorney Docket Number	016778/0417			

				U.S. PATENT DOCUMENTS		
Examiner Initials*		U.S. Patent D	Ocument		Date of Publication of	Pages, Columns, Lines,
	Cite No. ¹	Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear
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Cite	Foreign Patent Document			Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant	
No.1	Office ³	ce ³ Number⁴ Kind Code ³ (if known)		Applicant of Cited Documents	MM-DD-YYYY	Passages or Relevant Figures Appear	T⁵
A2		9-11652	6	JAPAN	05/02/1997		X
A3		9-27558	2	JAPAN	10/21/1997		X
A4		11-23476	62	JAPAN	08/27/1999		X
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/	10.1 A2 A3	10.1 Office ³ A2 A3	Office ³ Number ⁴ A2 9-116520 A3 9-27558	Office ³ Number ⁴ Kind Code ⁵ (if known) A2 9-116526 A3 9-275582	Office3 Number4 Kind Code5 Applicant of Cited Documents	Office3 Number4 Kind Code5 Applicant of Cited Documents MM-DD-YYYY	Office3 Number4 Kind Code5 Applicant of Cited Documents MM-DD-YYYY Passages or Relevant

	OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS									
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶							
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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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nu<u>mber</u> Substitute for form 1449B/PTO Complete if Known **Application Number** 09/661,464 NFORMATION DISCLOSURE TATEMENT BY APPLICANT Filing Date 09/13/2000 2 9 2003 **First Named Inventor** Koichi TAMURA ate Submitted: April 24, 2003 Group Art Unit 2664 **Examiner Name** e as many sheets as necessary) Unassigned 8handen Attorney Docket Number 016778-0417

				U.S. PATENT DOCUMENTS	}	
Examiner Initials*		U.S. Patent	Document		Date of Publication of	Pages, Columns, Lines, Where Relevant
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My/	A1	WO	00/31998	-	Ericsson, Inc.	06/02/2000		

		NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.						
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